

## In memory of Professor Stanisława Bartosiewicz

Krzysztof Jajuga<sup>a</sup>



Stanisława Maria Helena Bartosiewicz was born on 8 May 1920 in Brzeżany (Tarnopolskie Voivodship). In 1938, she graduated from a neoclassical gymnasium and began studying at the Academy of Foreign Trade in Lviv, which was then part of Poland. After the outbreak of the war, Stanisława Bartosiewicz suspended her studies and began to work. In 1946, she settled in Lower Silesia. While still working, in 1947 she resumed her studies at the newly established private Higher School of Commerce in Wrocław. In 1949, Stanisława Bartosiewicz received a graduation diploma of the 1st degree. In 1953, she obtained a master's degree in economics in the field of statistics. Her master's thesis was entitled *Regression analysis as a tool for assessing the profitability of enterprises* (Pol. *Analiza regresji jako narzędzie badania gospodarności przedsiębiorstw*). In 1962, she earned a PhD in economic sciences. Her doctoral thesis was entitled *Adequacy of indicators characterising the activity of enterprises* (Pol. *Adekwatność wskaźników charakteryzujących działalność przedsiębiorstw*). She obtained a habilitation degree (i.e. postdoctoral degree) in economics in 1984 and in 1988 she became professor of economic sciences.

Professor Bartosiewicz co-founded the Wrocław School of Econometrics. The most important areas of her research included econometric modelling, multi-

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<sup>a</sup> Wrocław University of Economics and Business, Faculty of Economics and Finance, ul. Komandorska 118/120, 53-345 Wrocław, Poland, e-mail: krzysztof.jajuga@ue.wroc.pl, ORCID: <https://orcid.org/0000-0002-5624-6929>.

dimensional comparative analysis and mathematical methods of decision-making. She devised numerous methods in the above areas, the most acknowledged of which were the graph method of selecting explanatory variables in linear and nonlinear models and the method of selecting the analytical form of a model with many explanatory variables.

Professor Bartosiewicz wrote two monographs relating to the field of econometric modelling. *Econometrics. Technology of econometric information processing* (Pol. *Ekonometria. Technologia ekonometrycznego przetwarzania informacji*) presents the full sequence of processing economic information using an econometric model. *Specification of econometric models and their use in the analysis of socio-economic phenomena* (Pol. *Specyfikacja modeli ekonometrycznych i ich wykorzystanie w analizie zjawisk społeczno-gospodarczych*) is a summary and review of Professor Bartosiewicz's original scientific achievements. The publication covers all the issues concerning the process of econometric modelling and inference.

Combining the theory of econometric modelling with economic applications, especially on a micro-scale was a very important aspect of the scientific activity of Professor Bartosiewicz. In her scientific work, she always strove for the transparency, communicativeness and practicality of her theoretical considerations. She had the rare ability to recognise the potential of a practical approach and quickly interpret complex quantitative methods. She had excellent analytical skills complemented by an exceptional ability to generalise accurately.

Professor Bartosiewicz's achievements in educational activity were equally striking. Several distinguished researchers were once her students. She managed to equip them with knowledge and motivated them to continue and develop her academic legacy. Her unique approach to teaching favoured focusing on an individual and involved developing her students' scientific personalities. She encouraged others to unleash their creativity and scientific intuition. Professor Bartosiewicz's credo was: don't talk about the technical aspects of things, focus on the idea. She also had a rare ability to conduct conversations in a way that led to solving problems.

She brought together the community of Polish econometricians and statisticians, from doctoral students to professors, who could draw from her vast experience and knowledge during numerous conferences, e.g. the conference of the Econometricians of Southern Poland, conferences in Zakopane, and many others. For several terms, Professor Bartosiewicz was a member of the Statistics and Econometrics Committee of the Polish Academy of Sciences.

Professor Bartosiewicz never stopped striving for self-development. She was modest about her accomplishments and spoke about them lightly, e.g. when at the age of 84 she started to learn how to use a computer. She used to write structured poems based on Japanese patterns. In her private life, she was known for her great

sense of humour and being an expert on borderland jokes, told with great eloquence and in original accent. She also wrote a humorous book on complex issues related to econometrics, entitled *Econometrics with a pinch of salt* (Pol. *Ekonometria z przy-mrużeniem oka*).

Professor Bartosiewicz once shared a set of simple, yet valuable and universal pieces of advice:

How to be happy? A few inspirational thoughts about human happiness:

1. If you want to be happy, then learn;
2. If you want to be happy, be tolerant of your environment;
3. If you want to be happy, learn to assess your own qualities in relation to those of others;
4. If you want to be happy, have a good sense of humor;
5. If you want to be happy, always bear in mind that constant success, great achievements, praise and rewards from others lead to boredom.

Professor Bartosiewicz passed away in Wrocław on July 21, 2022.

She will forever remain in our memories.